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The invention relates to a cool top platform with at least three Strahlungsheizkörpern, which are arranged below the glass ceramic cooking surface and are operated by means of capacitive sensor switches.

Glass ceramic plates, which must possess particular mechanical properties for cool top platforms used to become to be supposed. Beside a naturally required breaking strength must also an impact and/or. Impact resistance certain definition present its. In order to be able to fulfill these requirements, the manufacturers of glass ceramic plates for cool top platforms provide generally plates at the underside located burl structures. These burl structures increase the impact resistance and move in orders of magnitude from 40 to 200 μm . Now if capacitive sensor engineering on cool top platforms the switching and displays of functions becomes used, then it turned out that the capacitive sensor switches are not balanced on the respective glass ceramic with their burl-high. Since besides the burl-high can vary between 40 to 200 μm , the frequent responsiveness of the capacitive sensor engineering up to the function unfitness becomes reduced. In order to prevent such Ansprechunempfindlichkeiten and distortions with sensor engineering and displays, so far for example silicone became on the underside applied in the display area of the glass ceramic cooking surface, so that the burl valleys and knobs themselves as smooth surface formed to become to be able.

The object of the invention consists of determining an inexpensive other measure different of the silicone procedure by which a varying responsiveness is repaired by capacitive sensor switches in cool top platforms.

The measure according to invention to the solution of this object with the glass ceramic initially specified cook field is characterised in that in the region of the capacitive sensor switches the support material glass ceramic on the underside burlless strips exhibits. Advantageous embodiments of the invention are in the Unteransprüchen contained. An embodiment after the invention is in the following more near described on the basis the drawing.

It shows:

Fig. 1a, b) a burlless edge strip underneath the glass ceramic of cook field,

Fig. 2a, b) a variant in accordance with Fig. 1a, b)

Fig. 3a, b) a cross section in accordance with Fig. 2a, b) and

Fig. 4a, b) a variant in accordance with Fig. 3a, b).

In accordance with the Fig. 1a) to 4b) is uniform as numeral for 1 glass ceramic with knobs at the underside, for 2 glass ceramic without knobs at the underside and for 3 the formation of the knobs selected. In accordance with the Fig. 1a, b) and 2a, b) is apparent that a burlless edge strip is in variation present, in order a glass ceramic cook field, which with capacitive sensor engineering equipped is, full functional with capacitive sensor switches to equip to be able. Fig. 3a, b) points associated cross section figures to the solutions in accordance with Fig. 1 and 2.

Like the cut figures in accordance with Fig. 3a, b) is more removable, is below the glass ceramic cooking surface 1 a burl structure applied on the glass ceramic-flat, whereby the single burl 3 can vary depending upon glass ceramic type between 40 and 200 μm high-moderate. The burlless edge 2 is reduced engaged around the burl-high and secures with it simultaneous still the indicating mature zone against bottom-lateral scratching, if indicator technology is in this region arranged below the glass ceramic. From Fig. 3a) results besides the thickness D of the burlless indicating tire 2 to $D = D - NH$, D. h., overall thickness D around the burl-high NH reduced results in the indicating tire thickness.

In accordance with cut figures the Fig. 4a, b) show an embodiment of the burlless edge strip 2 concerning its material thickness. Like apparent, the thickness D of the edge strip 2 is the same thickness D of the glass ceramic-flat 1, with which the breaking strength becomes significant increased. The possibility that the glass ceramic-flat in the burlless edge strip is scratched ago from downside, is by the underpinned technology opposite the variants in accordance with Fig. 3a, b) increased.

Opposite the state of the art the solution according to invention is favourable, because 2 sensor switches a cost saving capacitive in the region arise as a result of the introduction of a burlless edge strip, since the operation of the bottom-lateral silicone laying is void. The silicone solution had besides more frequent failure rates in the case of sensor engineering results in, so that customer service activities resulted, which are savable by the solution according to invention. In addition an improvement of the responsiveness of the capacitive sensor switches and a simpler inspection technique for cook fields with sensor switch result.